## RAW SEQUENCE LISTING

EFS

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/684.149A
Source:	IFWI6,
Date Processed by STIC:	. 1/9/07

## ENTERED



IFW16

RAW SEQUENCE LISTING DATE: 01/09/2007
PATENT APPLICATION: US/10/684,149A TIME: 13:11:43

Input Set: N:\efs\01\_09\_07\10684149a\_efs\02-17AMENDEDSEQUENCE.TXT
Output Set: N:\CRF4\01092007\J684149A.raw

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5 Brandt, Cameron S.
       Jaspers, Stephen R.
 8 <120> TITLE OF INVENTION: Production of Homotrimeric Fusion
        Proteins
11 <130> FILE REFERENCE: 02-17
13 <140> CURRENT APPLICATION NUMBER: 10/684,149A
14 <141> CURRENT FILING DATE: 2003-10-10
16 <150> PRIOR APPLICATION NUMBER: 60/417,801
17 <151> PRIOR FILING DATE: 2002-10-11
19 <160> NUMBER OF SEQ ID NOS: 23
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26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
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55 <221> NAME/KEY: CDS
56 <222> LOCATION: (14)...(892)
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64 Ser Arg Val Asp Gln Glu Glu Arg Phe Pro Gln Gly Leu Trp Thr Gly
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4 <110> APPLICANT: West, James W.

DATE: 01/09/2007 RAW SEQUENCE LISTING PATENT APPLICATION: US/10/684,149A TIME: 13:11:43

Input Set: N:\efs\01\_09\_07\10684149a\_efs\02-17AMENDEDSEQUENCE.TXT
Output Set: N:\CRF4\01092007\J684149A.raw

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				Arg													
69		30				•	35				-	40	-				
	aat		tac	atg	tcc	tqc	aaa	acc	att	tqc	aac	cat	cag	agc	cag	cgc	193 .
				Met													
73	45		- 2 -			50				-	55					60	
	_	tat	σcа	gcc	ttc	tac	agg	tca	ctc	age	tac	cac	aaq	qaq	caa	qqc	241
				Ala													
77		-1-			65	- 2	5		•	70	-		•		75	•	
	aaσ	ttc	tat	gac		ctc	cta	agg	gac	tac	atc	agc	tat	qcc	tcc	atc	289
	_			Asp			-										•
81	-1-		-1-	80				5	.85	- 4				90			
	t.at.	gga	cag	cac	cct	aaσ	caa	tat		tac	ttc	tat	gag	aac	aaq	ctc	337
				His													
85	0,10	<b>-</b> 2	95			-1-		100		-1-		- 2 -	105		4		
	agg	agc		gtg	aac	ctt	cca		gag	ctc	agg	aga	caq	caa	aqt	qqa	385
				Val													
89	5	110					115					120		_		-	
• • •	gaa		gaa	aac	aat	t.ca		aac	tica	qqa	~agg	tac	caa	qqa	tta	gag	433
				Asn													•
	125					130				4	135	-		-		140	
		aσa	aac	tca	gaa		agt	cca	act	ctc	cca	aaa	cta	aaq	ctq	aqt	481
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97		5	1		145					150		- 4		•	155		
	qca	gat	caq	gtg		cta	atc	tac	agc	acq	ctq	aga	ctc	tqc	ctq	tqt	529
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10:				160					165				•	170		-	
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104	1 Ala	a Va	l Le	u Cvs	s Cvs	s Phe	e Leu	ı Va	l Ala	a Va	l Ala	a Cy	s Phe	e Lei	ı Ly	s Lys	
10!			17	_	-			18				•	18		-	-	
10'	7 ago	a da	g qa	t cc	t tq	tac	tqc	ca	q cc	c cq	c to	a ag	g cc	c agt	ca	a agt	625
																n Ser	
109	_	19	_	-	•		195			•	-	20					
11:	l cc	q qc	c aa	g tct	tc	cac	gat	ca	c gag	g ate	g ga	a gc	c gg	age	c cc	t gtg	673
																o Val	
	3 205		_			210					21			-		220	
			a tc	c cc	gad	q cca	qto	ga	g ac	c tg	c ag	c tt	c tg	tto	c cc	t gag	721
110	S Sei	r Th	r Se	r Pro	o Gli	ı Pro	va]	. Gl	u Thi	r Cy	s Se	r Ph	e Cy	s Phe	e Pr	o Glu	
11'					225		•			23			_		23		
119	e ta	aq	a ac	q cc	aco	a cac	qaq	aq	c gca	a gt	c ac	g cc	t ggg	g ac	c cc	c gac	769
120	) Cvs	s Are	a Al	a Pro	Th:	Glr	ı Glu	Se	r Āla	a Vai	l Th	r Pr	o Gl	Th:	r Pr	o Āsp	
12	_		_	240					24					25		_	
		act	t ta	t act	gaa	a ago	a tac	ga	g tạc	c ca	c ac	c ag	g ac	c aca	a gt	c ctg	817
																l Leu	
12			25					26					26!			•	
		d CC			a cad	ato	cca	qa	c aqi	t ga	c ct	t gg	c at	t gto	g ta	t gtg	865
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**RAW SEQUENCE LISTING**PATENT APPLICATION: **US/10/684,149A**DATE: 01/09/2007

TIME: 13:11:43

Input Set : N:\efs\01\_09\_07\10684149a\_efs\02-17AMENDEDSEQUENCE.TXT

Output Set: N:\CRF4\01092007\J684149A.raw

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  132 Pro Ala Gln Glu Gly Gly Pro Gly Ala
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  133 285
  136 gagagatatg aggagagaga gacagaggag gcagaaaggg agagaaacag aggagacaga 1032
  137 gagggagaga gagacagagg gagagagaga cagaggggaa gagaggcaga gagggaaaga 1092
  138 ggcagagaag gaaagagaca ggcagagaag gagagaggca gagagggaga gaggcagaga 1152
  139-qqqaqaqagg caqaqagaca gagagggaga gagggacaga gagagataga gcaggaggtc 1212-
  140 ggggcactet gagteecagt teccagtgea getgtaggte gteateacet aaccaegt 1272
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                                    25
  154 Ser Cys Pro Glu Glu Gln Tyr Trp Asp Pro Leu Leu Gly Thr Cys Met
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  156 Ser Cys Lys Thr Ile Cys Asn His Gln Ser Gln Arg Thr Cys Ala Ala
                            55
  158 Phe Cys Arg Ser Leu Ser Cys Arg Lys Glu Gln Gly Lys Phe Tyr Asp
                         70
  160 His Leu Leu Arg Asp Cys Ile Ser Cys Ala Ser Ile Cys Gly Gln His
                     85
                                        90
  162 Pro Lys Gln Cys Ala Tyr Phe Cys Glu Asn Lys Leu Arg Ser Pro Val
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  164 Asn Leu Pro Pro Glu Leu Arg Arg Gln Arg Ser Gly Glu Val Glu Asn
                                120
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  166 Asn Ser Asp Asn Ser Gly Arg Tyr Gln Gly Leu Glu His Arg Gly Ser
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  168 Glu Ala Ser Pro Ala Leu Pro Gly Leu Lys Leu Ser Ala Asp Gln Val
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  169 145
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  170 Ala Leu Val Tyr Ser Thr Leu Gly Leu Cys Leu Cys Ala Val Leu Cys
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  172 Cys Phe Leu Val Ala Val Ala Cys Phe Leu Lys Lys Arg Gly Asp Pro
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                                                    205
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  180 Thr Gln Glu Ser Ala Val Thr Pro Gly Thr Pro Asp Pro Thr Cys Ala
  182 Gly Arg Trp Gly Cys His Thr Arg Thr Thr Val Leu Gln Pro Cys Pro
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Output Set: N:\CRF4\01092007\J684149A.raw

265 183 260 184 His Ile Pro Asp Ser Gly Leu Gly Ile Val Cys Val Pro Ala Gln Glu 275 280 186 Gly Gly Pro Gly Ala 290 187 190 <210> SEQ ID NO: 5 191 <211> LENGTH: 21 The second of the second of the second 192 <212> TYPE: DNA 193 <213> ORGANISM: Artificial Sequence 195 <220> FEATURE: 196 <223> OTHER INFORMATION: PCR primer 198 <400> SEQUENCE: 5 21 199 gggcctccag gcccaccagg t 201 <210> SEQ ID NO: 6 202 <211> LENGTH: 21 203 <212> TYPE: DNA 204 <213> ORGANISM: Artificial Sequence 206 <220> FEATURE: 207 <223> OTHER INFORMATION: PCR primer 209 <400> SEQUENCE: 6 210 tcacattgga gccactagga a 21 212 <210> SEQ ID NO: 7 213 <211> LENGTH: 56 214 <212> TYPE: DNA 215 <213> ORGANISM: Artificial Sequence 217 <220> FEATURE: 218 <223> OTHER INFORMATION: PCR primer 220 <400> SEQUENCE: 7 221 acaggtgtcc agggaattca tataggccgg ccaccatgga tgcaatgaag agaggg 56 223 <210> SEQ ID NO: 8 224 <211> LENGTH: 36 225 <212> TYPE: DNA 226 <213> ORGANISM: Artificial Sequence 228 <220> FEATURE: 229 <223> OTHER INFORMATION: PCR primer 231 <400> SEQUENCE: 8 36 232 acceteagge ategaaceeg aaccegaace ggatee 234 <210> SEQ ID NO: 9 235 <211> LENGTH: 118 236 <212> TYPE: DNA 237 <213> ORGANISM: Artificial Sequence 239 <220> FEATURE: 240 <223> OTHER INFORMATION: PCR primer 242 <400> SEQUENCE: 9 243 gateggatee atggeegaaa etgateetaa aacagtteaa gacettaeea gegtagteea 60 244 gacgetectg caagagateg aagataagtt teagaetatg agegaecaaa teattgag 246 <210> SEQ ID NO: 10 247 <211> LENGTH: 100 248 <212> TYPE: DNA

RAW SEQUENCE LISTING DATE: 01/09/2007
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Input Set : N:\efs\01 09 07\10684149a efs\02-17AMENDEDSEQUENCE.TXT

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314 cc

VERIFICATION SUMMARY

DATE: 01/09/2007

PATENT APPLICATION: US/10/684,149A

TIME: 13:11:44

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